# Repairing RIDGID R84015 X2 Wiring

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## INTRODUCTION

Use for a diagnosed wiring problem.

## TOOLS:

- Phillips #2 Screwdriver (1)
- T20 Torx Screwdriver (1)

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## Step 1 — Case Removal

- Locate the 4 screws on the back of the drill holding the back plate on.
- Remove these screws using a Torx T20 screwdriver

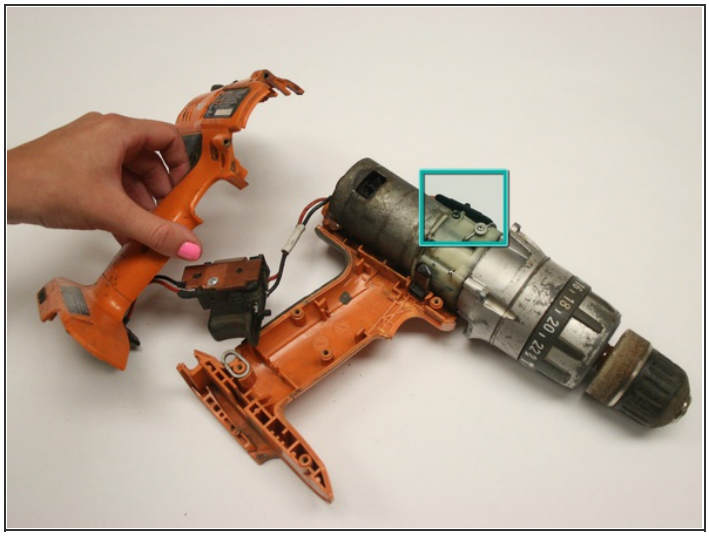
## Step 2

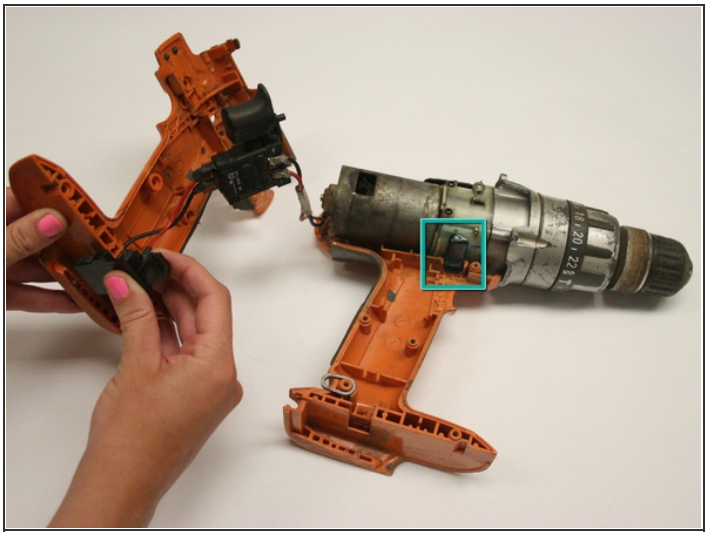
- Locate 5 screws on the side of the drill. Remove screws using same Torx T20.

## Step 3

- Locate 4 screws on front of the drill. Remove using same Torx T20.

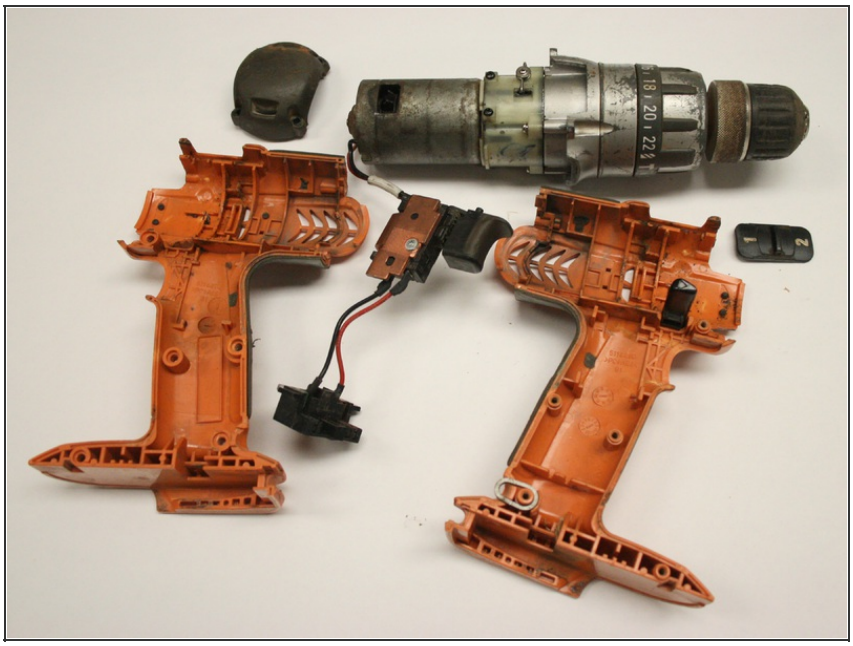
## Step 4





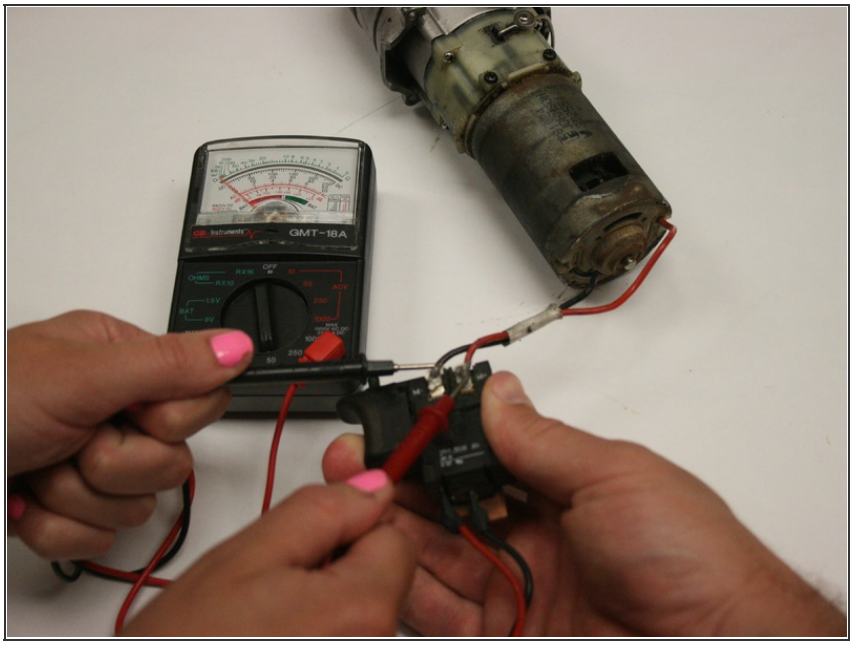
- Now both side casings can be removed as well as speed switch and forward reverse switch.

## Step 5



- **NOTE: Be aware of orientations of small parts for reassembly.

## Step 6 — Wiring




- Use a multimeter set above 18V DC to check electrical connections where wires meet drill, switch, or battery terminal.

## Step 7

- Look for corrosion or burnt wires.
- If there are any bad connections or if there is visible damage, replace damaged wire and solder.

## Step 8

- After soldering sand off jaged solder then wrap with electrical tape

To reassemble your device, follow these instructions in reverse order.

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